

Norwich, Vermont  
Dutton Hill Road  
9 December 1960

Professor Joshua Lederberg  
Stanford University Medical Center  
Department of Genetics  
Palo Alto, California

Dear Professor Lederberg:

Thank you for your letter of December 6. We will do our best to get ice samples to Dr. Sneath in London after we hear directly from him.

I can only assure him and you that as far as I know this ice has been kept near the eutectic temperature for sea ice ( $-22.8^{\circ}\text{C}$ ). I know its history from Ellesmere to Thule, Greenland, and from its arrival at Brooklyn to Dartmouth. During the Third Polar Planning Session Meetings in Boston, I had an opportunity to talk with the gentleman who "bird-dogged" the core from Thule to Brooklyn and he assured me he had requested that the reefer aboard the refrigerator ship be kept around  $-10^{\circ}\text{F}$  ( $-23.3^{\circ}\text{C}$ ). I will check with the ship concerning this since I also must know if crystal "annealing" might have occurred. Our control shows no noticeable metamorphism so far.

Yours sincerely,

*Dick Ragle*

Richard H. Ragle  
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RAGLE, R.H.